

FLP pH INDICATOR MODEL No: INP 150 I-N-F

Polmon offers a range of industrial pH systems – Indicators, controllers for a wide range of applications.

Designed for the harsh industrial Environment with more than 10 years of experience in the development of pH systems behind us, these instruments are versatile, easy to install & have wide options to suit customer requirements.

Features:

- FLP enclosure with dark gray painting.
- Slope adjustments at transmitter itself.
- Auto temperature compensation.
- Big display (1 inch), High intensity.



Specifications:-

| | |
|-----------------------------|--|
| Model No. | INP 150I-N-F |
| Enclosure | Flame Proof and Weather Proof Dual Chamber For Gas Gr.I, IIA, IIB Explosive atmospheres in accordance With IS: 2148-2004 & IS:12063-1987 CMRI CERT.NO: CIMFR/TC/P/H758, Protection: IP-65 |
| Measuring Range | 0 -14 pH |
| Resolution | 0.01 pH |
| Accuracy | ± 0.05 pH |
| Display | 3 ½ digit, 1” Seven Segment display, Red LED’s |
| Enclosure | FLP Enclosure with dark gray paint. |
| Power | 220 V, 50 Hz, 10 Watts |
| Environmental Ranges | <ol style="list-style-type: none"> 1. Operating temp. : 5 to 45 °C 2. Storage temp. : 5 to 65 °C 3. Humidity : Less than or equal to 80% RH non-condensing. |

Standard Supply:-

- Test & calibration certificates.
- Instruction manual.
- Warranty certificate.
- 6 core Teflon cable 5 mtr.

Optional Accessories:-

- ETDC certificate.
 - pH Calibrators.
 - Industrial pH Electrodes.
 - pH Assemblies.
 - Two FLP glands
- * Ask product catalogs for more information.

pH Transmitter

MODEL No: INP 150T-M

Features:

- Preamplifier for high-impedance design measurement.
- High resistance electromagnetic interference.
- A high degree of protection from interference voltages in the medium to be measured.

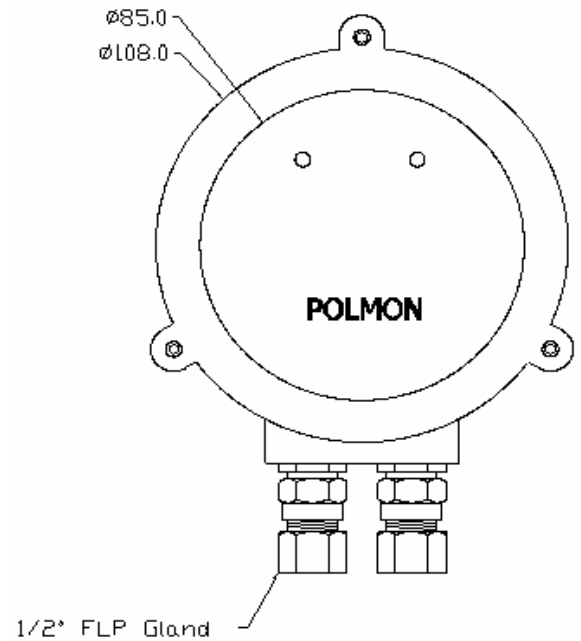
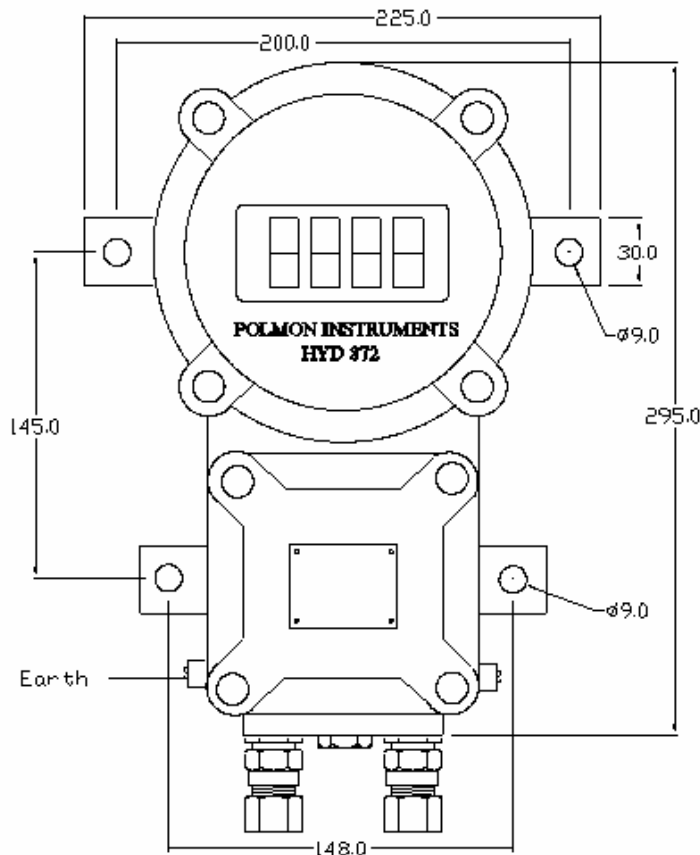
- Accessories:-**
1. Cable Type: 7/32, 6 Core Teflon – Shielded – Teflon.
 2. Cable Length : 10mtr. (Optional)



Specifications:-

| Model No. | INP 150T-M |
|-----------------------|---|
| 1. Input | Combined pH Electrode, ATC sensor (pt 100). |
| 2. pH Measuring Range | 0-14 |
| 3.pH Calibration | Two Buffer, pH 7 & pH 4/9.2 |
| 4.Slope Adjustment | 80% to 105% @ pH 4 or 9.2 |
| 5.Temperature Sensor | RTD (pt 100) (DIN IEC 751 Std) |
| 6. Input Impedance | > 10 ¹² Ohms. |
| 7. Power Supply | ± 5 V DC. |
| 8.Enclosure | Aluminium casting with epoxy gray painting |
| 9.Mounting | Pipe |
| 10..Output | 0-1400 mV |

Mechanical Drawings:-



Model No: INP 150T-M
 (pH Transmitter)
 All Dimensions are in mm.
 Tolerance : ± 3 mm.

Model No: INP 150 I-N-F
 (FLP pH Indicator)
 All Dimensions are in mm.
 Tolerance : ± 5 mm.

Ordering Information: -

Refer specifications for model numbers.

APPLICATIONS:

This instrument is designed for measurement of pH in explosion hazardous areas like:

- Chemical Processes
- Pharmaceuticals
- Food Technology
- Petrochemical Industries.

Note:- Please call our application engineer for more details.

For Further Information Contact:

POLMON INSTRUMENTS PVT.LTD

(AN ISO 9001: 2000 Certified Company)

“POLMON HOUSE” Nizampet Road, Kukatpally, Hyderabad – 500 072

Ph No: 040-23053046, 23057308, 23055970, 23057642

Customer Care: 040-23892920 Fax: 040 – 23055425

e-mail: polmon@polmon.com URL: www.polmon.com